

REMARKS

This application has been reviewed in light of the Office Action dated July 22, 2008. Claims 1, 3-7 and 9-23 are presented for examination, and Claims 13-19 have been withdrawn from consideration. Of the claims under consideration, Claims 1 and 7 are in independent form. Claims 1, 3-5, 7 and 10-12 have been amended to define still more clearly what Applicants regard as their invention. Favorable reconsideration is requested.

The drawings were objected to as not showing all features in the claims, in particular, as not showing a plurality of amplifying thin-film transistors. That feature has been eliminated from the claims, obviating the drawing objection.

Claims 1, 3-7, 9-12 and 20-23 were rejected under 35 U.S.C. § 112, second paragraph, as being indefinite, and in addition, Claims 3, 4, 10 and 11 were rejected under Section 112, first paragraph, as not being supported by an enabling disclosure.^{1/}

The claims have been amended in an effort to make clearer the exact correspondence between the claimed subject matter and the disclosure in the drawing and the specification.

For example, Claims 1 and 7 have been amended to clarify the structure of the sensor and the plurality of thin film transistors connected to the sensor element. These thin film transistors correspond respectively to an amplifying thin film transistor, a transferring thin film transistor and a resetting thin film transistor in the preferred embodiment.^{2/} The amplifying thin film transistor, the transferring thin film transistor and the resetting thin film transistor each

^{1/} The Office Action lists Claims 13-19 as also being rejected for indefiniteness, but as those claims have been withdrawn from consideration, it is understood that the rejection is actually as stated in this paragraph.

^{2/} It is to be understood, of course, that the claim scope is not limited to the details of this or any other embodiment that may be referred to.

include a respective further plurality of thin film transistors that are directly connected and that have their gate electrodes electrically connected. Dependent Claim 3 further defines the common gate wiring.

Claims 3 and 10 recite the structure and connection of the transferring thin film transistor and the resetting thin film transistor, as shown in Fig. 4 and described in the corresponding portion of the specification. The term "sensor elements" has been revised to "a sensor element" so as to make clear that the structure is structure within a pixel, to make clearer the correspondence to their respective base Claims 1 and 7.

Claims 4 and 11 recite a structure and connection of the transferring thin film transistor and the resetting thin film transistor that have the respective further pluralities of thin film transistors connected electrically to the sensor element defined in Claims 1 and 7. Claims 4 and 11 are supported in Fig. 7 and the corresponding portion of the specification. As in Claims 3 and 10, "sensor elements" has been change to "a sensor element" to make clearer that the structure referred to is structure within a pixel, and so to make clearer the correspondence to their base Claims 1 and 7.

It is believed that the rejections under Section 112, first and second paragraphs, have been obviated, and their withdrawal is therefore respectfully requested.

In view of the foregoing amendments and remarks, Applicants respectfully request favorable reconsideration and early passage to issue of the present application.

Applicants' undersigned attorney may be reached in our New York office by telephone at (212) 218-2100. All correspondence should continue to be directed to our below listed address.

Respectfully submitted,

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